DETAILED ACTION

Priority

1.   Acknowledgment is made of applicant's claim for foreign priority under 35

U.S.C. 119(a)-(d). The certified copy has been filed in the pending application.

Examiner's Amendment

2.   An examiner's amendment to the record appears below. Should the changes and/or

additions be unacceptable to applicant, an amendment may be filed as provided by 37 CFR

1.312. To ensure consideration of such an amendment, it MUST be submitted no later than the

payment of the issue fee.

Authorization for this examiner's amendment was given in a telephone interview with

Mark Wilson on 03/09/09. The substance of the interview can be found on the attached

interview summary form.

The application has been amended as follows:

In the Abstract:

Please amend the abstract as follows:

ABSTRACT: An apparatus for mapping primitives of a 3D graphics model from a texture space

to a screen space. The apparatus includes a texture memory for storing texture maps. A

resampler resamples, for each primitive, data from a texture map that corresponds to the

primitive to corresponding pixel data defining a portion of a display image that corresponds to

the primitive. The texture space resampler and/or the screen space resampler is operative to

select a resampling algorithm for performing the resampling from a respective set of at least two

distinct resampling algorithms. The selection is done in dependence on a size of the primitive.

In the Claims:

Please amend the claims to the following:

1-5. (Previously Presented)

6. (Currently Amended) A memory storing a program for mapping primitives of a 3D graphics

model from a texture space to a screen space, which when executed by a graphics processor,

causes the graphics processor to execute the steps of: resampling in a texture space, for each

primitive, data from a texture map that corresponds to the primitive to texture data for texels

associated with the primitive; and resampling in a screen space, for each primitive, the texture

data to corresponding pixel data defining a portion of a display image that corresponds to the

primitive; and selecting for the texture space resampling and/or the screen space resampling a

resampling algorithm from a respective set of at least two distinct resampling algorithms; the

selection being in dependence on a size of the primitive.

7. (Cancelled)

Notes

3.   The above amendments to the abstract and claims render the previous objection and 35

USC 101 rejection respectively, moot since their previous issues are corrected for.

Deleted: *(140)*

Deleted: *computer readable medium*

Deleted: *comprising machine readable code for executing the steps of:*

4.   An updated prior art search has yielded no further applicable, as per prior art rejection

purposes, results.

Allowable Subject Matter

5.   Claims 1-6 are allowed.

The following is an examiner's statement of reasons for allowance:

In reference to claims 1 and 6, the prior art of record does not explicitly disclose a

resampler operative to resample data from a texture map of a corresponding primitive to a

corresponding pixel by operatively selecting a resampling algorithm for a set of at least two

distinct resampling algorithms (screen space and texture space as per claim 6), the selection

being in dependence on a size of the primitive, in combination with the further limitations of

claims 1 and 6 respectively.

In reference to claims 2-5, claims 2-5 depend upon allowable claim 1 and are therefore

also deemed allowable.

Any comments considered necessary by applicant must be submitted no later than the

payment of the issue fee and, to avoid processing delays, should preferably accompany the issue

fee. Such submissions should be clearly labeled "Comments on Statement of Reasons for

Allowance."

Conclusion

Any inquiry concerning this communication or earlier communications from the

examiner should be directed to Antonio Caschera whose telephone number is (571) 272-7781.

The examiner can normally be reached Monday-Thursday and alternate Fridays between 7:00

AM and 4:30 PM.

If attempts to reach the examiner by telephone are unsuccessful, the examiner's

supervisor, Kee Tung, can be reached at (571) 272-7794.

Any response to this action should be mailed to:

Commissioner of Patents and Trademarks

Washington, D.C. 20231

or faxed to:

571-273-8300 (Central Fax)

Any inquiry of a general nature or relating to the status of this application or proceeding

should be directed to the Technology Center 2600 Customer Service Office whose telephone

number is (571) 272-2600.

/Antonio A Caschera/

Primary Examiner, Art Unit 2628

3/25/09